

Proposed Surplus Funded Projects



List of Proposed Projects

WEST SHORE LAKE PONTCHARTRAIN

MID BASIN DIVERSIONS LAND ACQUISITION

EMERGENCY FUND

MORGANZA TO THE GULF

SOUTH AND NORTH LAFOURCHE LEVEE IMPROVEMENTS

CAMERON PARISH GULF SHORELINE PROTECTION

NON-STRUCTURAL RISK REDUCTION

NORTH VERMILION BAY SHORELINE PROTECTION

CHANDELEUR ISLAND RESTORATION (ENGINEERING AND DESIGN)

RESTORATION PARTNERSHIPS

ATCHAFALAYA BASIN

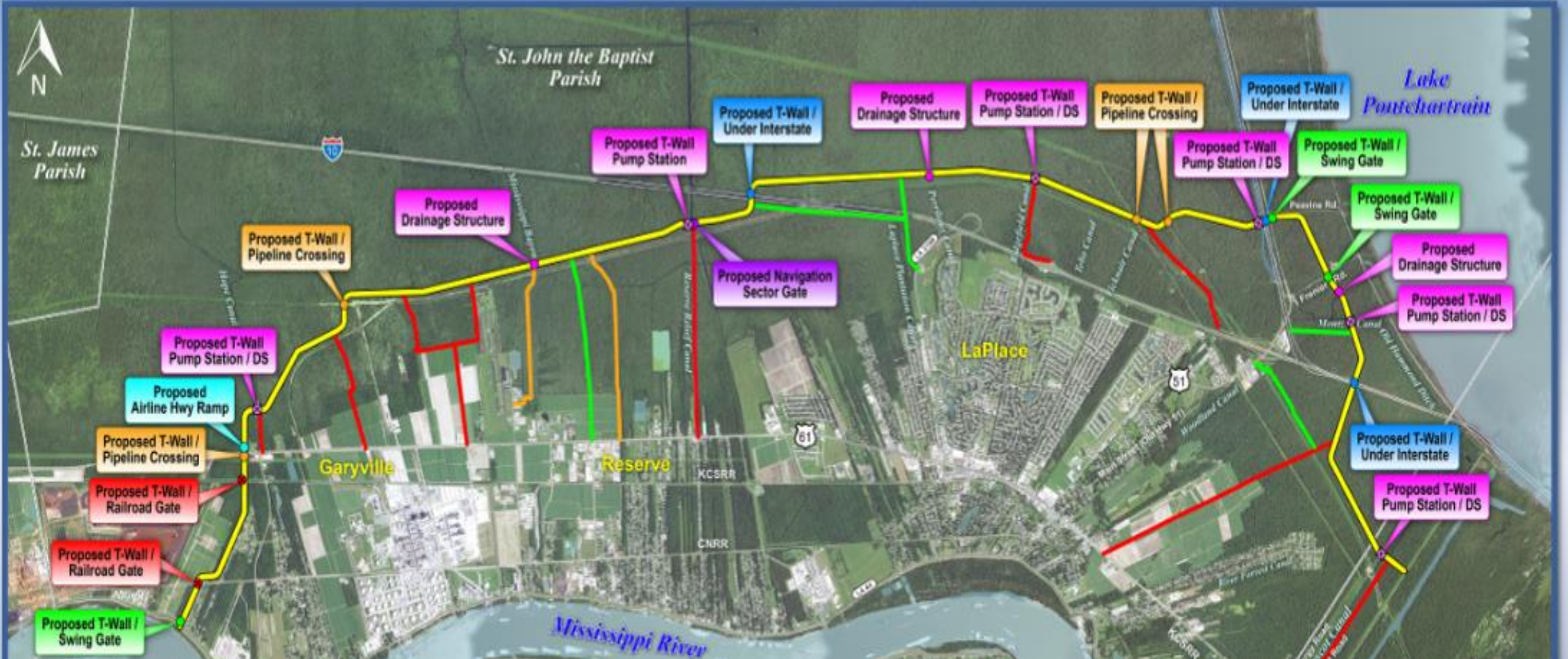
JEFFERSON PARISH LAKEFRONT PROJECT

NICHOLS STATE UNIVERSITY – CENTER FOR RIVER STUDIES

West Shore



West Shore Lake Pontchartrain



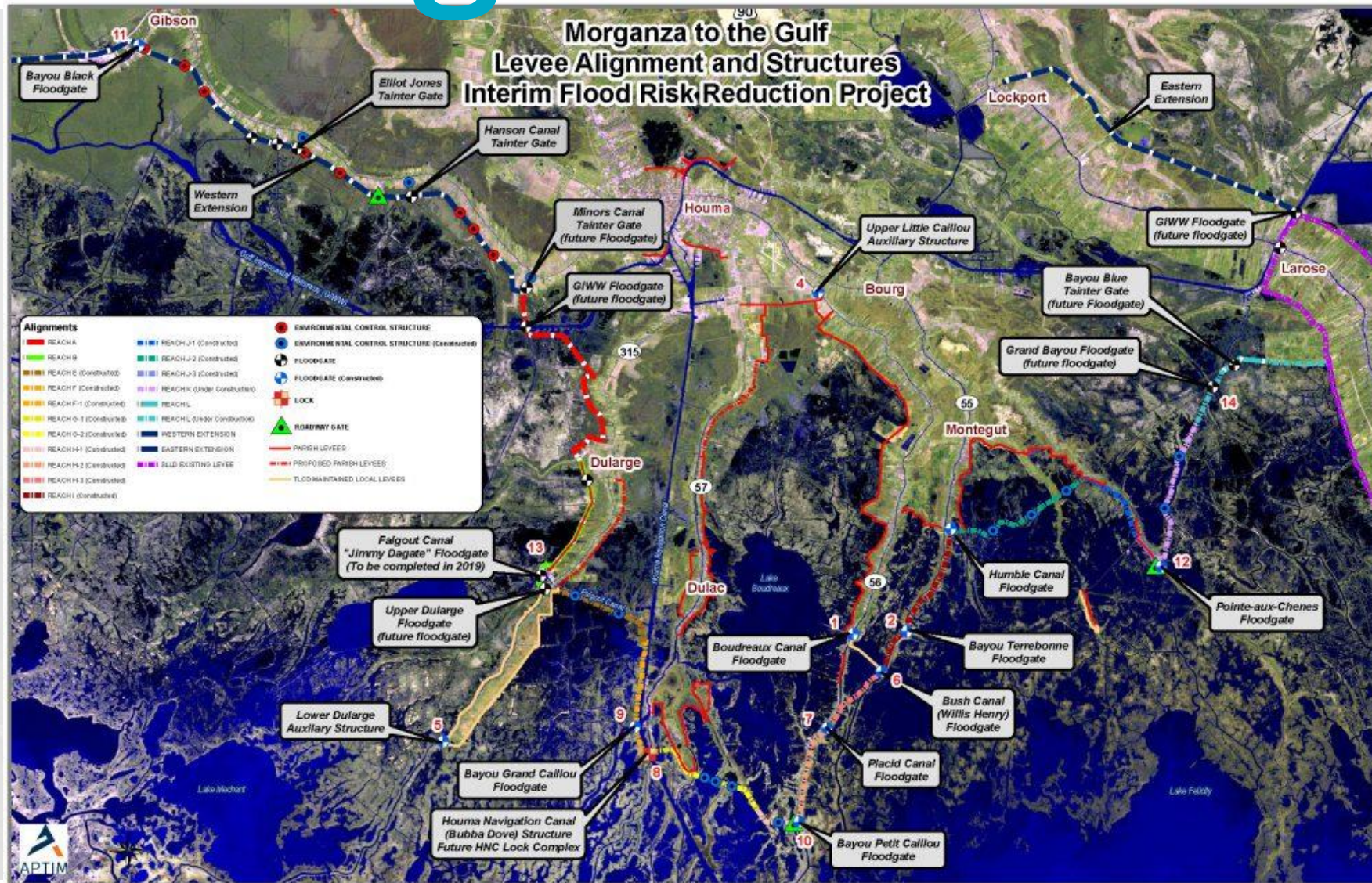
Emergency Fund



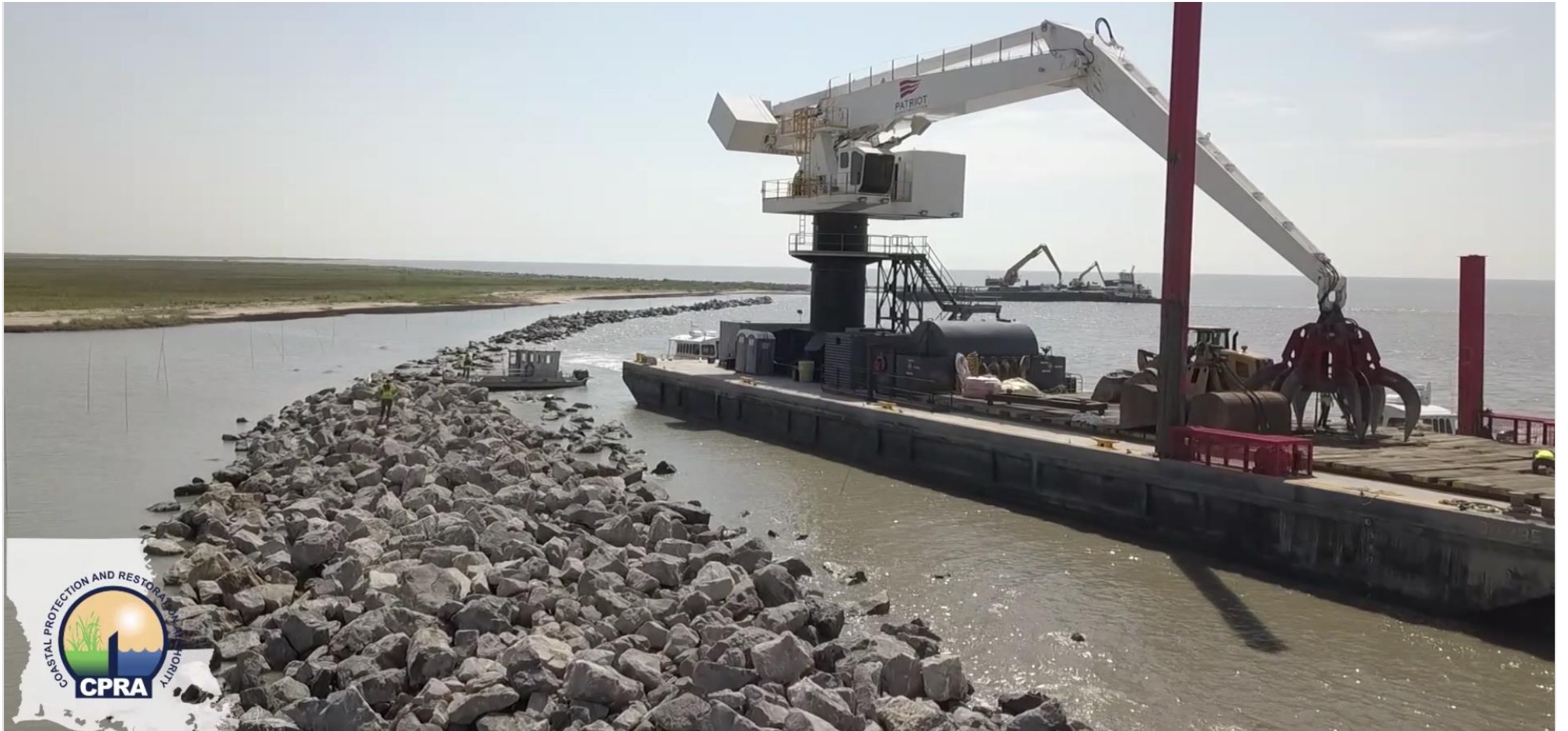
Emergency Fund



Morganza to the Gulf



Cameron Parish



Non-Structural Risk Reduction



Non-Structural Risk Reduction



North Vermilion

Shoreline Protection



Chandeleur Island



Restoration Partnerships

2017 GOOGLE EARTH IMAGERY



MARCH 2017



DEC 2017

GRASS PLANTINGS



FULLY VEGETATED TERRACES



2015/16 Apache Terraces

Restoration Partnerships

Attachment A - Photos of Calcasieu Lake Oyster Reef Project - June to August 2017
CPRA Final Report, April 2018 – The Nature Conservancy



Figures 1. and 2. Project Staging Area where the gabion units were assembled and filled at Sabine NWR.



Figures 3. and 4. Gabion units filled with grey limestone and recycled, cured oyster shells.



Figures 5. and 6. Gabion unit installation with air boats.

Attachment A - Photos of Calcasieu Lake Oyster Reef Project - June to August, 2017
CPRA Final Report, March 2018 – The Nature Conservancy



Figures 7. and 8. Installed gabion reef along Sabine National Wildlife Refuge at low tide.



Figures 9. and 10. Oyster Shell Bagging Volunteer Event at Sabine National Wildlife Refuge on June 30, 2017.



Figures 11. and 12. Fish the Reef and Oyster Reef Restoration Dedication Community Event on November 14, 2017.

Oyster Reefs Provide Valuable Benefits

- Absorb wave energy to protect shorelines and reduce the rate of shoreline retreat
- Enhance water quality
- Provide habitat for estuarine and marine wildlife
- Enhance fisheries by providing refuge and feeding habitat for fish, shrimp and crabs
- Provide a source of larval oysters for nearby seed grounds and leases
- Trap suspended sediment to naturally build salt marsh

Job Creation

Oyster reef restoration projects across the Gulf of Mexico make good ecological and economic sense. These projects create jobs in coastal communities and invest in local and state economies. Achieving resiliency in coastal habitats and communities across the Gulf requires a healthy environment and healthy economy.

A Vision for Project Success

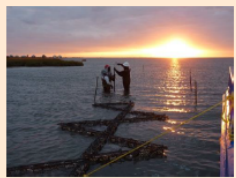
To measure project success and the effectiveness of each reef technology at different habitats, Louisiana State University Agricultural Center (LSU AgCenter) is conducting a comprehensive monitoring program to evaluate reef sustainability (oyster growth and success), shoreline stabilization and the potential of the reefs to provide fisheries habitat and water quality benefits.

Partners in Restoration

Many partners have collaborated with TNC on the oyster reef restoration projects and/or provided generous funding. Including: National Fish and Wildlife Foundation, NOAA, American Recovery and Reinvestment Act, Coastal Protection and Restoration Authority, Chevron, Shell, CITGO, Lowes, Walton Foundation, Freeman Foundation, El Paso, Merck, US Fish & Wildlife Service, LA Department of Wildlife & Fisheries, LSU AgCenter, Coastal Environments Inc., LeBlanc Marine, Quality First Marine, Wayfarer Environmental Technology, CE Shepherd and ORA Estuaries.

Working Together

Our goal was to maintain or create 57 jobs with the Grand Isle and St. Bernard Marsh project. A total of 101 positions were funded.



The mission of The Nature Conservancy is to conserve the lands and waters on which all life depends. Our vision is a world where the diversity of life thrives, and people act to conserve nature for its own sake and its ability to fulfill our needs and enrich our lives.

for more information:

The Nature Conservancy
Louisiana Coastal Program
(225) 338-1040

TNC Oyster Reef Projects

Atchafalaya Basin

Henderson Lake WMU Spoil Bank Gapping Program

The Henderson Lake Water Management Unit Spoil Bank Gapping Program will address restricted water flows north of Henderson Lake. The restricted flows contribute to water quality issues in the swamps, the lake, and also inhibit flood flows south to the lower basin. The program will help to reestablish more natural North/South water flows present in the basin. Due to the importance of improving water quality and hydrologic regime, the ABP TAG identified this project as a top priority in the FY 2021 Annual Plan process.

Status Report

This project is not currently funded.



Existing spoil bank conditions within Henderson Lake.



Existing canal conditions within Henderson Lake.



Jefferson Parish

Bucktown marsh restoration and living shoreline project



Image source: Jefferson Parish Coastal Management Department

Staff graphic